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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/786,972-Conf. #4114
	Filing Date	February 25, 2004
	First Named Inventor	Richard Schubert
	Art Unit	2188
	Examiner Name	J. Song
Total Number of Pages in This Submission	Attorney Docket Number	A0312.70519US00

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Response to Restriction Requirement (2pgs); Return Receipt Postcard
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	WOLF, GREENFIELD & SACKS, P.C.		
Signature			
Printed name	Edmund J. Walsh		
Date	December 7, 2006	Reg. No.	32,950

Certificate of Mailing Under 37 CFR 1.8(a)

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Dated: December 7, 2006

Signature:

(Christine M. Citro)



Docket No.: A0312.70519US00
(PATENT)

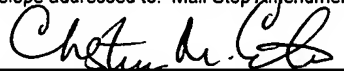
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Richard Schubert
Serial No.: 10/786,972
Confirmation No.: 4114
Filed: February 25, 2004
For: CACHE MEMORY WITH REDUCED POWER AND INCREASED
MEMORY BANDWIDTH
Examiner: J. Song
Art Unit: 2188

Certificate of Mailing Under 37 CFR 1.8(a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: December 7, 2006


Christine M. Citro

RESPONSE TO RESTRICTION REQUIREMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Restriction Requirement set forth in the Office Action mailed November 7, 2006, applicant hereby provisionally elects claims in Group I for continued examination, with traverse.

Applicant respectfully requests that the Restriction Requirement be withdrawn because the claims in Groups I and II are sufficiently related that there would be negligible burden on the Examiner from considering the claims in Group II in conjunction with the claims in Group I. Claims in both Groups recite timing of operation of a sense amp in a cache for a computer system. For example, element c) of claim 1 recites "enabling at least one sense amp," which occurs after a determination is completed. Claim 10 similarly relates to timing of operation of a sense amp. The final paragraph of that claim recites a control circuit that outputs timing signals. As recited in the

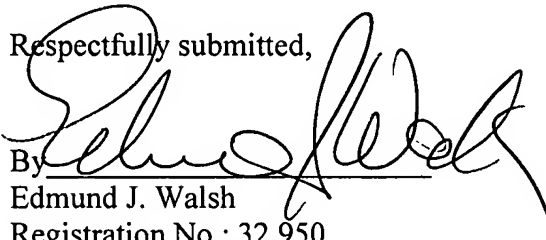
claim, "a second timing signal [is] connected to the enable input of the sense amp." The claim further recites relative timing of events, ending with the phrase "the second timing signal occurs after the first timing signal and before the first time."

Accordingly, there is sufficient relationship between the claims that there would be minimal burden for the Examiner to consider the claims in Group II along with the claims in Group I. Applicant respectfully request that the Examiner reconsider the Restriction Requirement.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 23/2825, under Order No. A0312.70519US00 from which the undersigned is authorized to draw.

Dated: December 7, 2006

Respectfully submitted,

By 

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